Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Saturday 13 May 2023 until 23:59 on Sunday 14 May 2023

Forecast Issued on Saturday 13 May 2023 at 01:29

Confidence: High for largely settled but cloudy conditions this weekend. Lower for extent of low cloud, and for the timings of rain or showers Monday.

Headline for Saturday 13 May 2023: Low cloud and hill fog clearing to prolonged periods of strong sunshine.

Mountain weather hazards on Saturday 13 May 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Mist	Sunny	Sunny	Sunny	Sunny intervals	Cloudy
Precipitation probability					
10%	<05%	<05%	<05%	<05%	<05%

Forecast for Saturday 13 May 2023

Weather: Widely overcast and murky to start the day, with a mixture of hill fog, mist and perhaps some patchy drizzle over eastern Dales. Cloud will readily thin and lift, soon clearing from the west to leave a fine day with prolonged spells of sunshine. High cloud building from the west during the evening. Low cloud may return to eastern hills overnight.

Chance of cloud-free hill tops above 600m: 20%, soon improving to 90%. Lowering to 70% by midnight in the east.

Low Cloud and visibility: Extensive low cloud, bases around 100-300m, likely from lowest slopes in the east at first. Cloud is expected to quickly lift and clear by mid-morning, leaving western parts almost cloud free. Cloud may intermittently shroud the highest slopes in the east until the afternoon. Cloud building from lower slopes in the east towards midnight. Visibility poor or very poor beneath cloud in any mist or early patchy drizzle. Very good otherwise.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Saturday 13 May 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 NE	8/12 E	5/8 E	4/7 E	4/7 SW	3/4 S	6/9 S
300	6/12 NE	6/10 E	3/6 E	2/5 S	5/8 SW	3/4 SE	2/8 SE
Valley	7/14 E	2/5 SE	2/5 S	4/7 SW	6/10 W	1/4 E	3/7 SE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/1	8/5	11/10	13/13	13/13	10/9	8/7
300	8/6	11/10	15/15	17/16	15/15	10/10	7/7
Valley	9/7	13/12	16/16	18/17	16/15	10/9	8/7
Freezing Level*	1700m	1700m	1700m	1800m	1800m	1800m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Widespread poor visibility will make for challenging navigation for early morning walkers. Wind chill also possible in the early hours at height. High UV levels expected in the afternoon with plenty of strong sunshine.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 13 May 2023	0mm	9.6mm	11.4mm

Forecast for Sunday 14 May 2023

Weather: A dull start in the east with banks of low cloud and mist patches, but soon brightening up. Then a largely fine day across the Dales, with high cloud thickening to give increasingly hazy spells of sunshine. Chance of a few showers in the afternoon before a more sustained period of rain arrives from the west through the evening, persisting overnight.

Maximum wind: West to northwest 10-15mph.

Chance of cloud-free hill tops above 600m: 30% in the east and 70% in the west initially. Soon improving to above 90%. Lowering from the northwest to 60% from late-evening.

Low Cloud and visibility: Banks of low cloud likely at first, mainly in the east, with bases around 200m or perhaps from lowest slopes in the east. Cloud will soon thin and lift clear of summits. Cloud bases of around 400m are likely across western Dales by late-evening as rain arrives from the northwest. Visibility poor beneath cloud in any early mist, becoming very good. Moderate in any afternoon showers and then poor in rain later and overnight.

Temperature: **Valleys:** Plus 8 Celsius rising to Plus 15 Celsius
At 600m: Plus 7 Celsius rising to Plus 12 Celsius.
Freezing level: Well above summits.

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